

ITINERARYORIGINAL  
(Red)

Pigeon Point Landfill  
TDD No. F3-8101-17  
EPA No. DE - 27

Due to safety problems (high organic vapor content in the air), the February 4, 1981 visit was abandoned prior to finishing a safety clearance for Sample Location #6 (Well #28), Sample Location #7 (South Leachate Pond) and Sample Location #8 (Outfall, Perimeter Leachate Collection System). This itinerary supplants the previous one.

0830 Depart from Pennsauken (Nonresponsive based on revised scope) departs from home.

0930 Arrive at landfill. Meet with NEIC personnel and Bent Hootan from Duffield Associates. Beth call Artesian Water Company at 302-453-6900, ask for Walter Lang or T. B. Lakshman. Make arrangements to meet at 1000 to sample Castle Hills well (Wells #1, 2 & 3)

Team #1 (Nonresponsive based on revised scope) depart to sample locations #1 and #2.

Sample Location #1 - Artesian Water Company, Castle Hills Well #\_\_. (C-0408, MC-8166, Tags #1202-1205, 1244, 1245).

Sample Location #2 - ICA Americas, Atlas Point Plant Well #\_\_. (C-0409, MC-8167, Tags #1246-1251). *Bob Guinand 525-4618 Cherry Lane.*

Equipment: 16 amber bottles (8 premarked); 4 plastic bottles (2 premarked); 8 VOA's (4 premarked); camera, log book, sample receipts, chain of custody.

Note: Label bottles as to Well #, mark time, obtain information about well, offer splits, fill out receipts, log information

Team #2 (Nonresponsive based on revised scope) Sample Location #5. North Swale Drainage (C-0412, MC-8170, tags #1264-1269). *No. wait. High tide at ~ 1200 noon*

Note: Record time and comments. *(Reedy Point 1128 + 30)*

Team #3 (Nonresponsive based on revised scope) prepare to mine sweep the landfill, using the following plan.

(Nonresponsive) drive van, (Nonresponsive) (with OVA) and (Nonresponsive) (with HNU) at Level "B" walking ahead. If OVA registers, but the HNU does not, continue inspection at Level "B" and clear Sampling Location #6 (Well #28), Sampling Location #7 (South Leachate Pond) and Sampling Location #8 (Outfall of Perimeter Leachate Collection System).

If OVA and HNU both register, STOP and return to landfill office.

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0945 Team #2 sample Sampling Location #3. Pigeon Point Well #1A  
(C-0410, MC-8168, tag #'s 1252-1257)

Equipment: Bailing and sampling equipment; bottles 4-1-2 with  
splits; log book, camera.

Note: Record time, record and log comments by Jeff Bross. Record  
depth to H<sub>2</sub>O.

Team #3 clear Sampling Location #4, then proceed to north perimeter  
road and clean it to Sampling Locations #6, 7 and 8.

1045 Team #2 sample Sampling Location #4. Northwest Drainage Pond.  
(C-0411, MC-8169, tags #1258-1263).

1100 Teams 2 and 3 return to administration building lot. Await Team #1  
Package samples, warm up.

1130 Team #1 return to administration building lot. Package samples,  
sign tags.

Nonresponsive based on revised scope DEPART.

Nonresponsive based on revised scope sample Sampling Locations #6, #7 and  
#8 as time permits. Assumption is that safety is cleared to Level  
"D", except at immediate vicinity of sample location which may be  
at Level "B". If Sampling Locations #6 - #8 have not been cleared,  
all personnel depart landfill.

Sampling Location #6 Pigeon Point Well #28  
(C-0413, MC-8171, tags #1270-1275)

Sampling Location #7 South Leachate Pond  
(C-0414, MC-8172, tags #1276-1281)

Equipment: Steel bucket (deconed); rope; sample bottles; camera;  
log book.

Note: Sample is obtained from an open wet well by the sump. Lower  
bucket for sample. Record observations on whether ground-  
water leachate is observed running into swale, or if it is  
mostly surface runoff.

Sampling Location #8 Outfall Perimeter Leachate Collection System.  
(C-0415, MC-8173, tags #1282-1288)

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- 1500 If possible, Sampling Location #9 (Dredge Spoils) will be obtained.  
Team #2 return, sample Sampling Location #9. Equipment: 8 oz.  
jar, spatula.
- 1530 Depart Landfill

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DUFFIELD ASSOCIATES, INC.  
Consulting Geotechnical Engineers

Water Level Field Data Sheet

Project Pig Pt.

W. O. No. 115

Date 6/16-6/19/00 Page 1 of 1 Tested by J.T.R.

Calc. by G.K.E.

Checked by \_\_\_\_\_

M. P. No.	T.O.C. Ref. Elev.	T.O.C. Water Depth	Water Elev.	T.O.C. Bott. Depth	Bott. Elev.	Stick Up	Dia. of Pipe	Remarks
1	23.4	10.3	13.1	17.4	6.0			Marsh / Hydraulic Fill
1A	22.7	18.4	4.3	32.5	-9.8			Columbia (Pleist.)
24	31.1	30.9	0.2	96.5 ±				Marsh + "Basal Gravel"
25								Columbia
26								Potomac (Creta.)
27								Columbia
28	17.8	19.0	-1.2	53.2	-35.4			Potomac
28A	17.8	6.1	11.7	16.6	1.3			Marsh / Hydraulic Fill
29	17.6	25.1	-7.5	53.4	-35.8			Potomac
29A	15.8	5.3	10.5	16.6	-0.8			Marsh / Hydraulic Fill
31	26.6	22.9	3.7	66.7	-40.1			Potomac
31A	24.6	8.7	15.9	17.1	7.5			Hydraulic Fill / Marsh
32	18.8	6.3	12.5	30.3	-11.5			Marsh
32A	21.3	8.6	12.7	18.1	3.2			Hydraulic Fill / Marsh
37	20.6	5.3	15.3	16.6	4.0			Hydraulic Fill / Marsh
37A	20.6	9.1	11.5	42.2	-21.6			Potomac
39	15.9	5.0	10.9	16.6	-0.7			Marsh / Hydraulic Fill
41	24.9	23.3	1.6	26.5	-1.6			Marsh / Hydraulic Fill
41A	25.0	25.3	-0.3	57.3	-32.3			Potomac
42	19.9	10.0	9.9	18.1	1.8			Marsh / Hydraulic Fill
42A	19.8	10.1	9.7	42.0	-22.2			Marsh